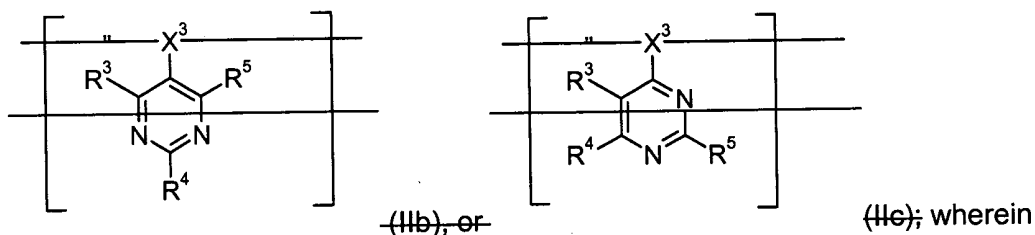
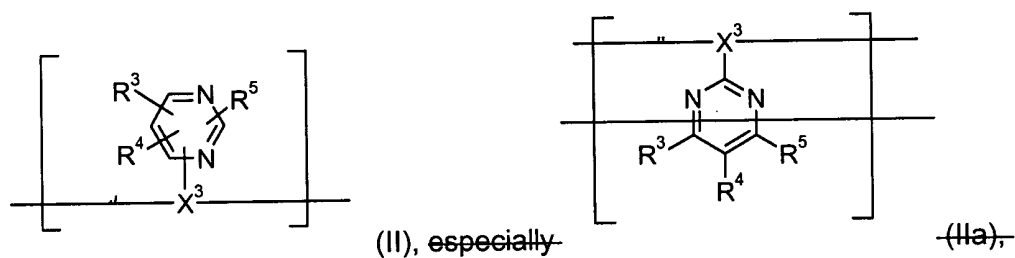
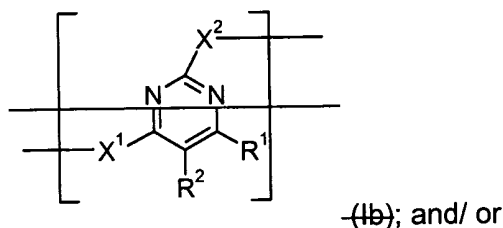
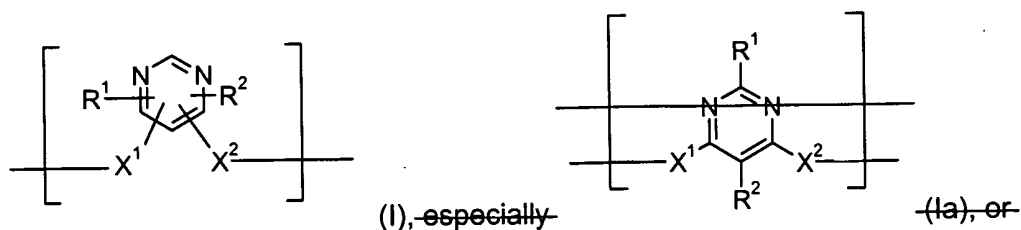


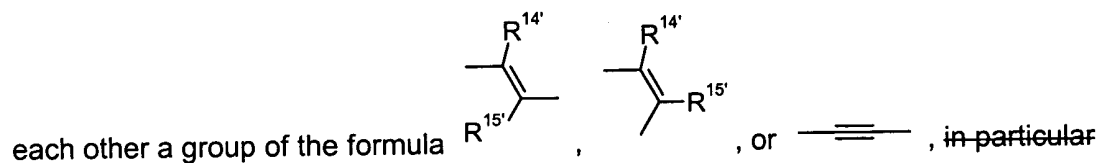
In the claims:

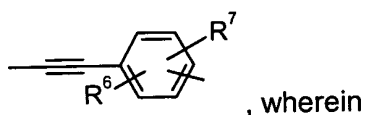
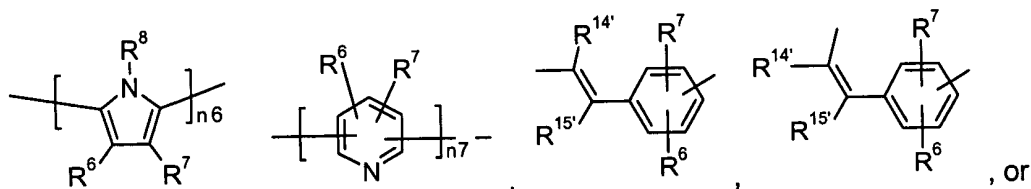
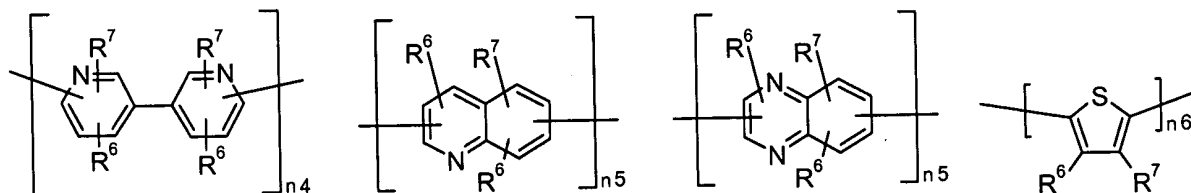
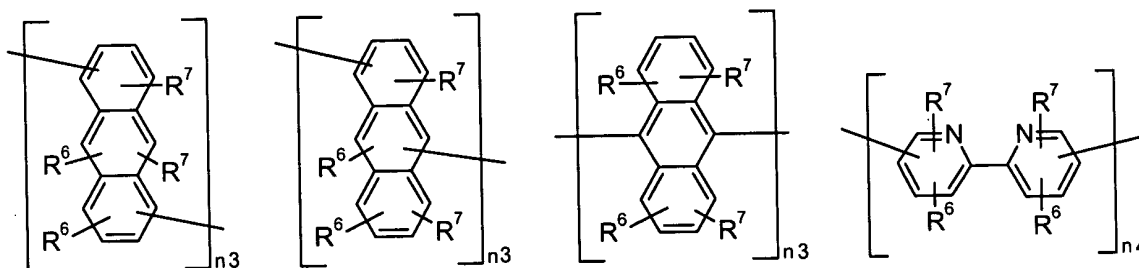
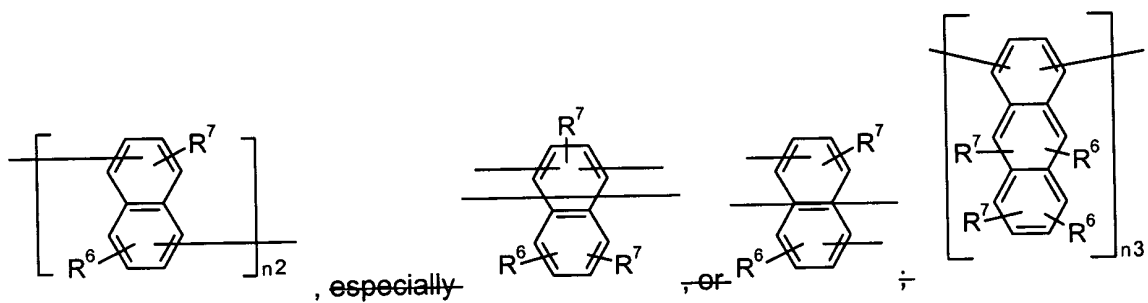
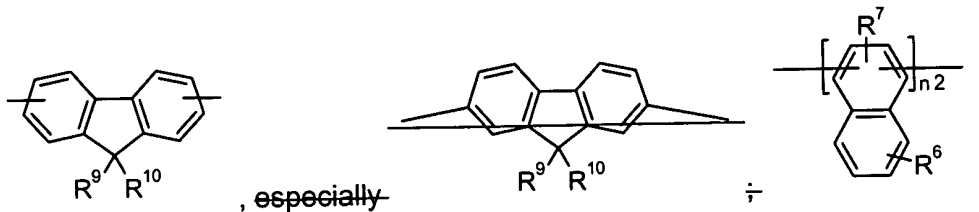
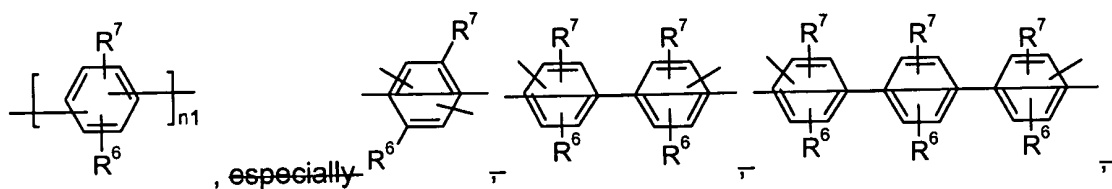
1. (currently amended): A polymer comprising a repeating unit of the formula



R^1, R^2, R^3, R^4 and R^5 are independently of each other an organic substituent, especially C_2 - C_{30} aryl or a C_2 - C_{26} heteroaryl, which optionally can be substituted, X^1, X^2 and X^3 are independently of each other a divalent linking group.

2. (currently amended): A polymer according to claim 1, wherein X^1 and X^2 are independently of





n1, n2, n3, n4, n5, n6 and n7 are integers of 1 to 10, in particular 1 to 3,

R^6 and R^7 are independently of each other H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_5 - C_{12} cycloalkyl, C_5 - C_{12} cycloalkyl, which is substituted by E, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by E, C_2 - C_{20} heteroaryl, C_2 - C_{20} heteroaryl which is substituted by E, C_2 - C_{18} alkenyl, C_2 - C_{18} alkynyl, C_1 - C_{18} alkoxy, C_1 - C_{18} alkoxy which is substituted by E and/or interrupted by D, C_7 - C_{25} aralkyl, or $-CO-R^{28}$,

R^8 is C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, or C_7 - C_{25} aralkyl,

R^9 and R^{10} are independently of each other C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by E, C_2 - C_{20} heteroaryl, C_2 - C_{20} heteroaryl which is substituted by E, C_2 - C_{18} alkenyl, C_2 - C_{18} alkynyl, C_1 - C_{18} alkoxy, C_1 - C_{18} alkoxy which is substituted by E and/or interrupted by D, or C_7 - C_{25} aralkyl, or

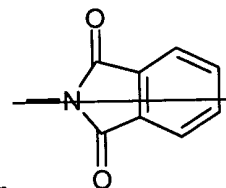
R^9 and R^{10} form a ring, ~~especially a five or six membered ring~~, which may optionally be substituted by R^6 ,

$R^{14'}$ and $R^{15'}$ are independently of each other H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by E, C_2 - C_{20} heteroaryl, or C_2 - C_{20} heteroaryl which is substituted by E,

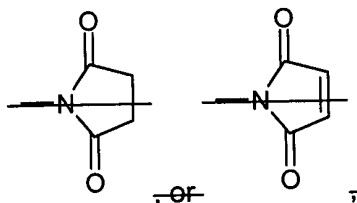
D is $-CO-$, $-COO-$, $-S-$, $-SO-$, $-SO_2-$, $-O-$, $-NR^{25}-$, $-SiR^{30}R^{31}-$, $-POR^{32}-$, $-CR^{23}=CR^{24}-$, or $-C\equiv C-$, and E is $-OR^{29}$, $-SR^{29}$, $-NR^{25}R^{26}$, $-COR^{28}$, $-COOR^{27}$, $-CONR^{25}R^{26}$, $-CN$, $-OCOOR^{27}$, or halogen,

wherein

R^{23} , R^{24} , R^{25} and R^{26} are independently of each other H, C_6 - C_{18} aryl, C_6 - C_{18} aryl which is substituted by C_1 - C_{18} alkyl, C_1 - C_{18} alkoxy, C_1 - C_{18} alkyl, or C_1 - C_{18} alkyl which is interrupted by $-O-$, or






R^{25} and R^{26} together form a five or six membered ring, ~~in particular~~

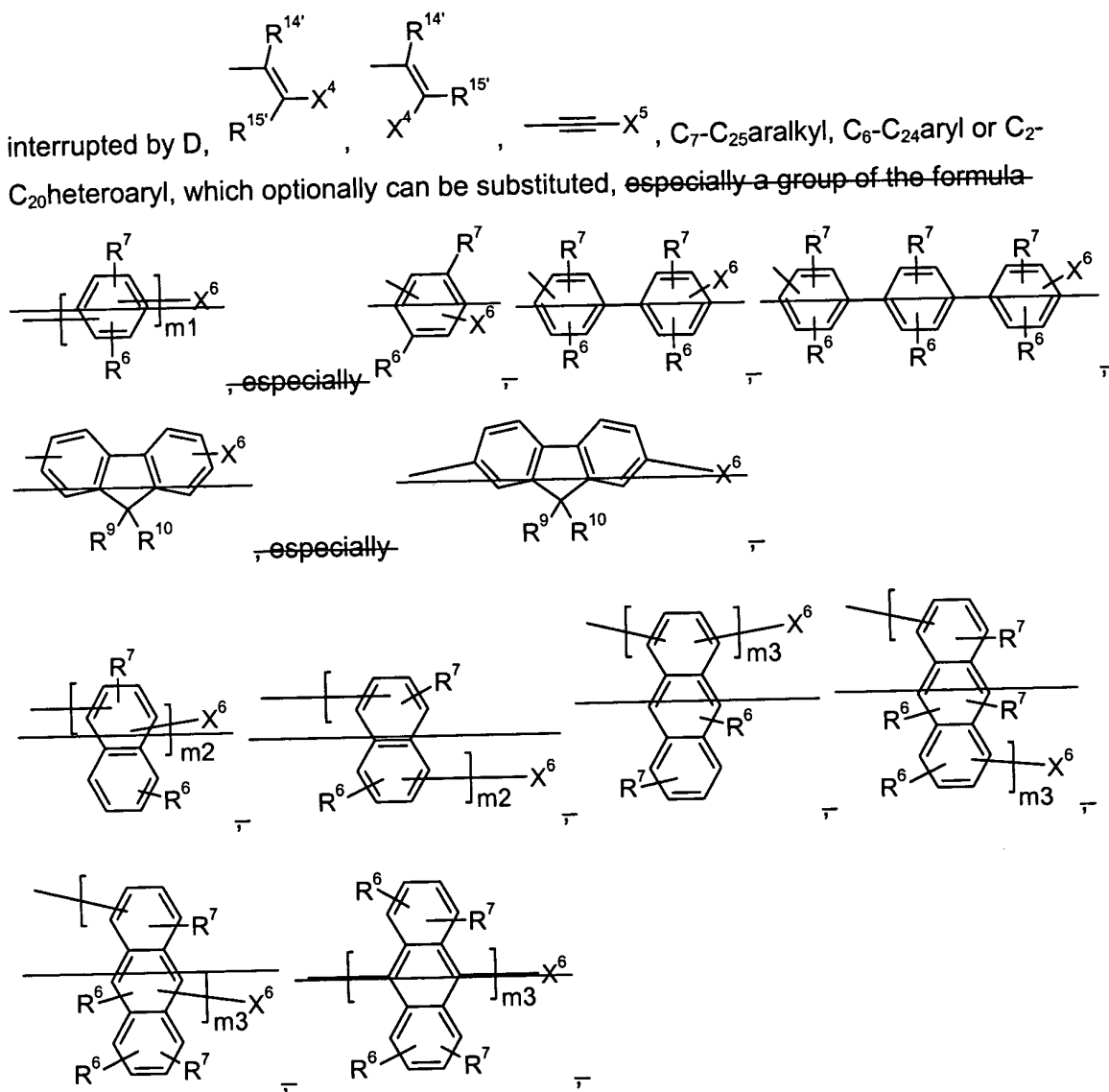


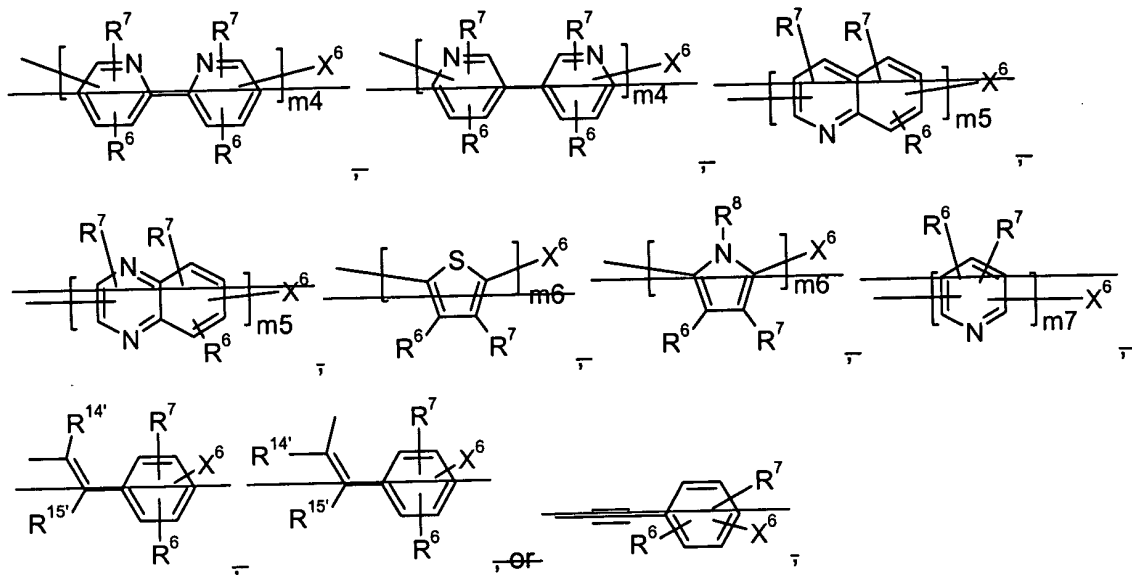
R^{27} and R^{28} are independently of each other H, C_6 - C_{18} aryl, C_6 - C_{18} aryl which is substituted by C_1 - C_{18} alkyl, or C_1 - C_{18} alkoxy, C_1 - C_{18} alkyl, or C_1 - C_{18} alkyl which is interrupted by $-O-$,

R³⁰ and R³¹ are independently of each other C₁-C₁₈alkyl, C₆-C₁₈aryl, or C₆-C₁₈aryl, which is substituted by C₁-C₁₈alkyl, and

R³² is C₁-C₁₈alkyl, C₆-C₁₈aryl, or C₆-C₁₈aryl, which is substituted by C₁-C₁₈alkyl.

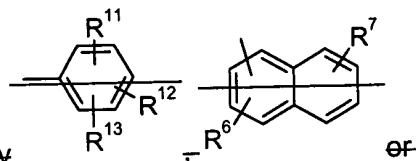
interrupted by D, , , , C₇-C₂₅alkyl, C₆-C₂₄aryl or C₂-C₂₀heteroaryl, which optionally can be substituted, especially a group of the formula-



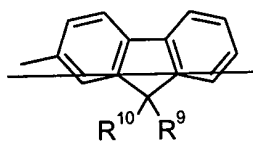


wherein $m_1, m_2, m_3, m_4, m_5, m_6$ and m_7 are integers of 1 to 10, in particular 1 to 3,

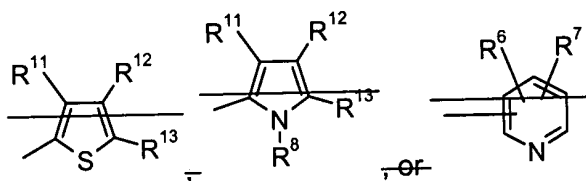
X^6 is H, C_1 - C_{18} alkyl, C_4 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{30} aryl,



which optionally can be substituted, especially



C_2 - C_{26} heteroaryl, which optionally can be substituted, especially



C_2 - C_{48} alkenyl, C_2 - C_{48} alkynyl, C_4 - C_{48} alkoxy,

C_4 - C_{48} alkoxy which is substituted by E and/or interrupted by D, or C_7 - C_{25} aralkyl,

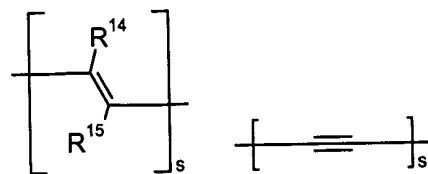
X^4 is C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, which optionally can be substituted,

X^5 is C_1 - C_{18} alkyl, C_6 - C_{24} aryl, C_6 - C_{24} aryl substituted by $-OC_1$ - C_{18} alkyl or $-OC_6$ - C_{24} aryl,

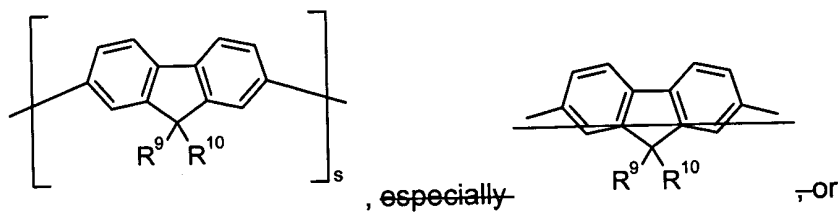
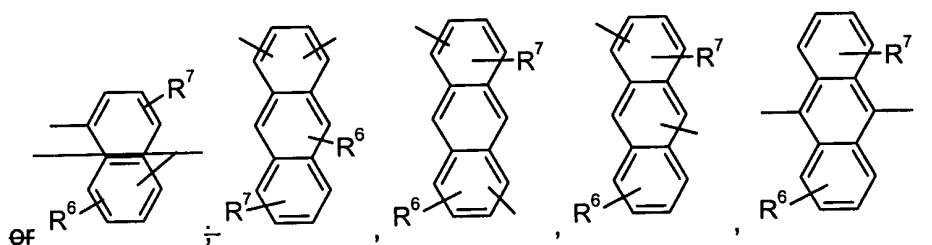
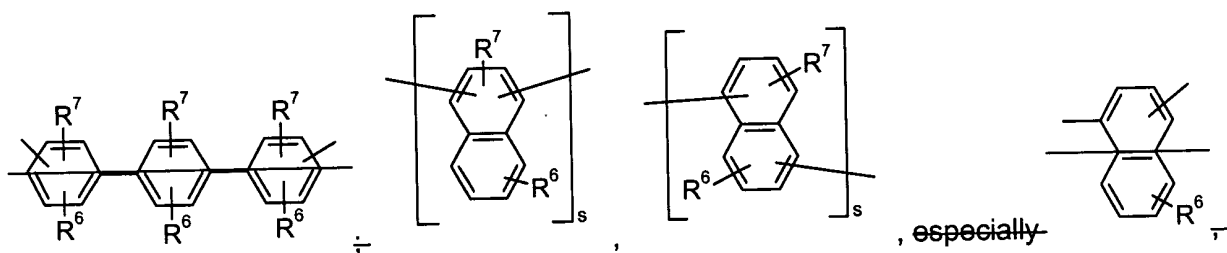
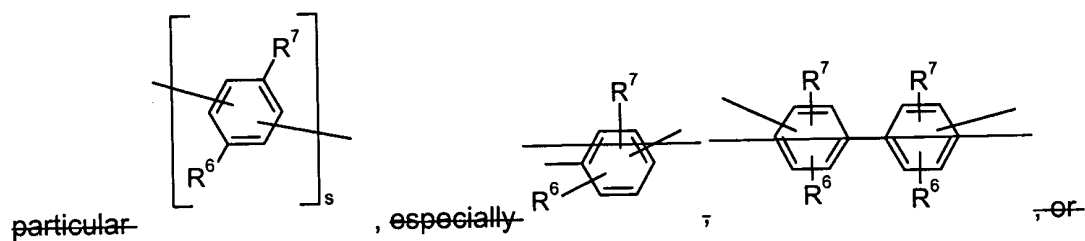
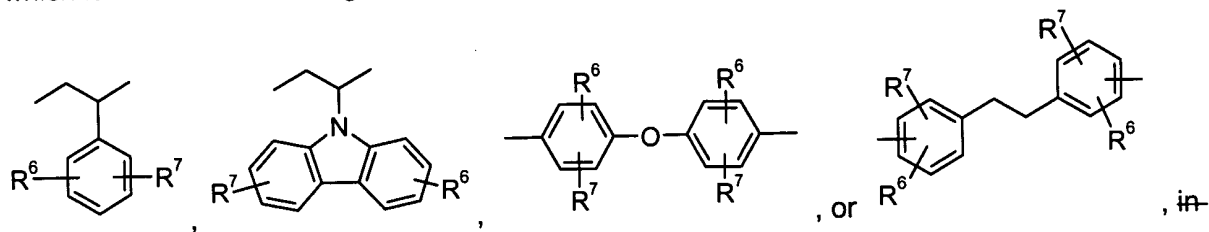
R^{11}, R^{12} and R^{13} are independently of each other H, C_1 - C_{48} alkyl, C_4 - C_{48} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by E, C_2 - C_{48} alkenyl, C_2 - C_{48} alkynyl, C_4 - C_{48} alkoxy, C_4 - C_{48} alkoxy which is substituted by E and/or interrupted by D, or C_7 - C_{25} aralkyl, and

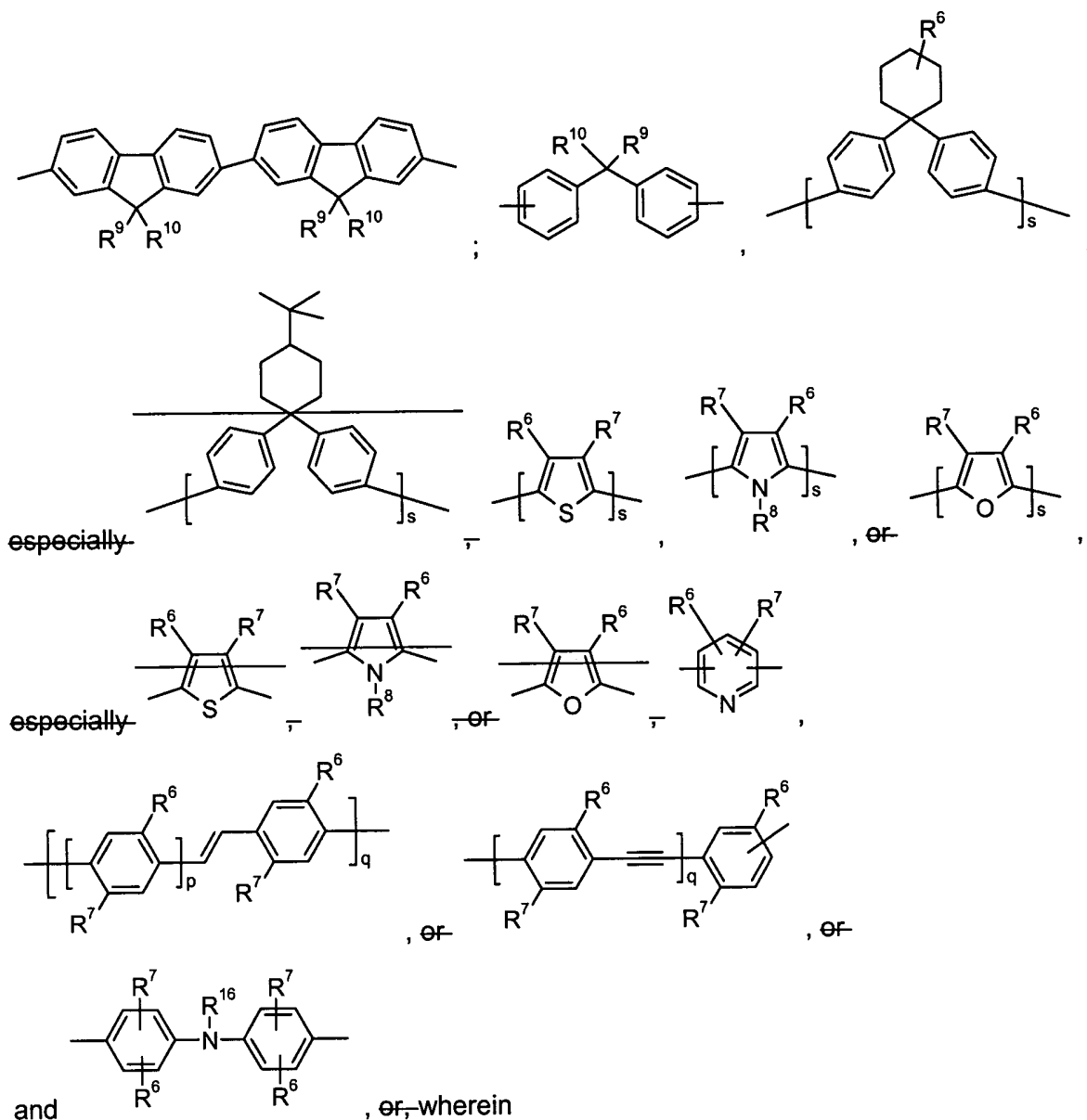
D, E, $R^6, R^7, R^8, R^9, R^{10}, R^{14'}$ and $R^{15'}$ are as defined in claim 2.

4. (currently amended): A polymer according to any of claims 1 to 3, comprising a co-monomer T



which is selected from the group consisting of





R^{16} is H, C_6-C_{18} aryl, C_6-C_{18} aryl which is substituted by C_1-C_{18} alkyl, C_1-C_{18} alkyl, C_7-C_{25} aralkyl, or C_1-C_{18} alkyl which is interrupted by $-O-$,

p is an integer from 1 to 10, especially 1, 2 or 3,

q is an integer from 1 to 10, especially 1, 2 or 3,

s is an integer from 1 to 10, especially 1, 2 or 3,

R^6 , R^7 , R^8 , R^9 and R^{10} are as defined in claim 2,

R^6 and R^7 are independently of each other H, C_1-C_{18} alkyl, C_1-C_{18} alkyl which is substituted by E and/or interrupted by D, C_5-C_{12} cycloalkyl, C_5-C_{12} cycloalkyl, which is substituted by E, C_6-C_{24} aryl, C_6-C_{24} aryl which is substituted by E, C_2-C_{20} heteroaryl, C_2-C_{20} heteroaryl which is substituted by

E, C₂-C₁₈alkenyl, C₂-C₁₈alkynyl, C₁-C₁₈alkoxy, C₁-C₁₈alkoxy which is substituted by E and/or interrupted by D, C₇-C₂₅aralkyl, or -CO-R²⁸,

R⁸ is C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄ aryl, or C₇-C₂₅aralkyl,

R⁹ and R¹⁰ are independently of each other C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by E, C₂-C₂₀heteroaryl, C₂-C₂₀heteroaryl which is substituted by E, C₂-C₁₈alkenyl, C₂-C₁₈alkynyl, C₁-C₁₈alkoxy, C₁-C₁₈alkoxy which is substituted by E and/or interrupted by D, or C₇-C₂₅aralkyl, or

R⁹ and R¹⁰ form a five- or six-membered ring, which may optionally be substituted by R⁶,

R^{14'} and R^{15'} are independently of each other H, C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by E, C₂-C₂₀heteroaryl, or C₂-C₂₀heteroaryl which is substituted by E,

D is -CO-, -COO-, -S-, -SO-, -SO₂-, -O-, -NR²⁵-, -SiR³⁰R³¹-, -POR³²-, -CR²³=CR²⁴-, or -C≡C-, and

E is -OR²⁹-, -SR²⁹-, -NR²⁵R²⁶-, -COR²⁸-, -COOR²⁷-, -CONR²⁵R²⁶-, -CN-, -OCOOR²⁷-, or halogen,

wherein

R²³, R²⁴, R²⁵ and R²⁶ are independently of each other H, C₆-C₁₈aryl, C₆-C₁₈aryl which is substituted by C₁-C₁₈alkyl, C₁-C₁₈alkoxy, C₁-C₁₈alkyl, or C₁-C₁₈alkyl which is interrupted by -O-,
or

R²⁵ and R²⁶ together form a five or six membered ring, R²⁷ and R²⁸ are independently of each other H, C₆-C₁₈aryl, C₆-C₁₈aryl which is substituted by C₁-C₁₈alkyl, or C₁-C₁₈alkoxy, C₁-C₁₈alkyl,
or C₁-C₁₈alkyl which is interrupted by -O-,

R²⁹ is H, C₆-C₁₈aryl, C₆-C₁₈aryl, which is substituted by C₁-C₁₈alkyl, C₁-C₁₈alkoxy, C₁-C₁₈alkyl, or C₁-C₁₈alkyl which is interrupted by -O-,

R³⁰ and R³¹ are independently of each other C₁-C₁₈alkyl, C₆-C₁₈aryl, or C₆-C₁₈aryl, which is substituted by C₁-C₁₈alkyl, and

R³² is C₁-C₁₈alkyl, C₆-C₁₈aryl, or C₆-C₁₈aryl, which is substituted by C₁-C₁₈alkyl,

or

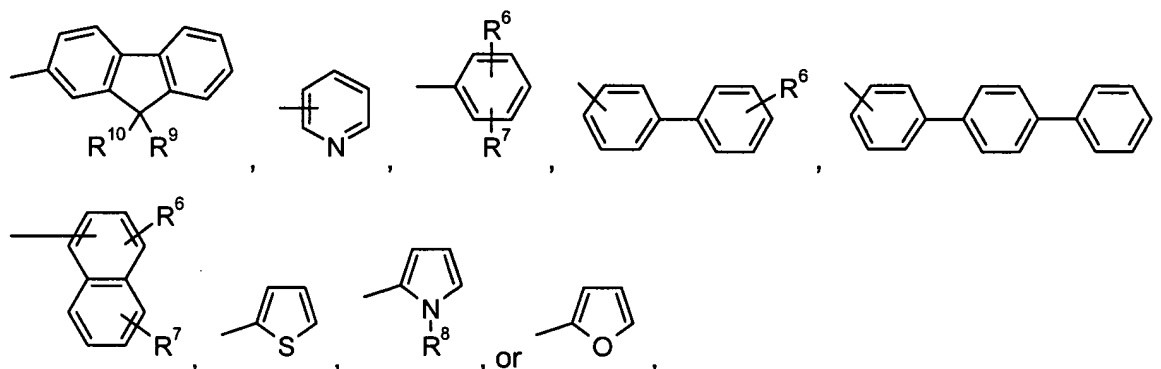
R⁹ and R¹⁰ together form a five or six membered ring that is substituted by R⁶;

R⁹ and R¹⁰ together form a group of formula =CR¹⁰⁰R¹⁰¹, wherein

R¹⁰⁰ and R¹⁰¹ are independently of each other H, C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by E, or C₂-C₂₀heteroaryl, or C₂-C₂₀heteroaryl which is substituted by E, and

R^{14} and R^{15} are independently of each other H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by E, or C_2 - C_{20} heteroaryl, C_2 - C_{20} heteroaryl which is substituted by E.

5. (currently amended): A polymer according to ~~any of claim~~ ~~[[s]] 1, to 3,~~ comprising repeating units of formula Ia or Ib, wherein R^1 is a group of formula



wherein R^2 is H,

R^6 and R^7 are independently of each other H, C_1 - C_{12} alkyl, C_5 - C_{12} cycloalkyl, ~~especially-cyclohexyl,~~ C_6 - C_{24} aryl, ~~especially phenyl, naphthyl, or biphenyl,~~ which can be substituted by $-O$ - C_1 - C_{12} alkyl, or C_1 - C_{18} alkoxy,

R^8 is C_1 - C_{18} alkyl, C_1 - C_{18} alkyl interrupted by one or two oxygen atoms, or C_6 - C_{12} aryl, which optionally can be substituted by C_1 - C_{12} alkyl, or C_1 - C_{12} alkoxy,

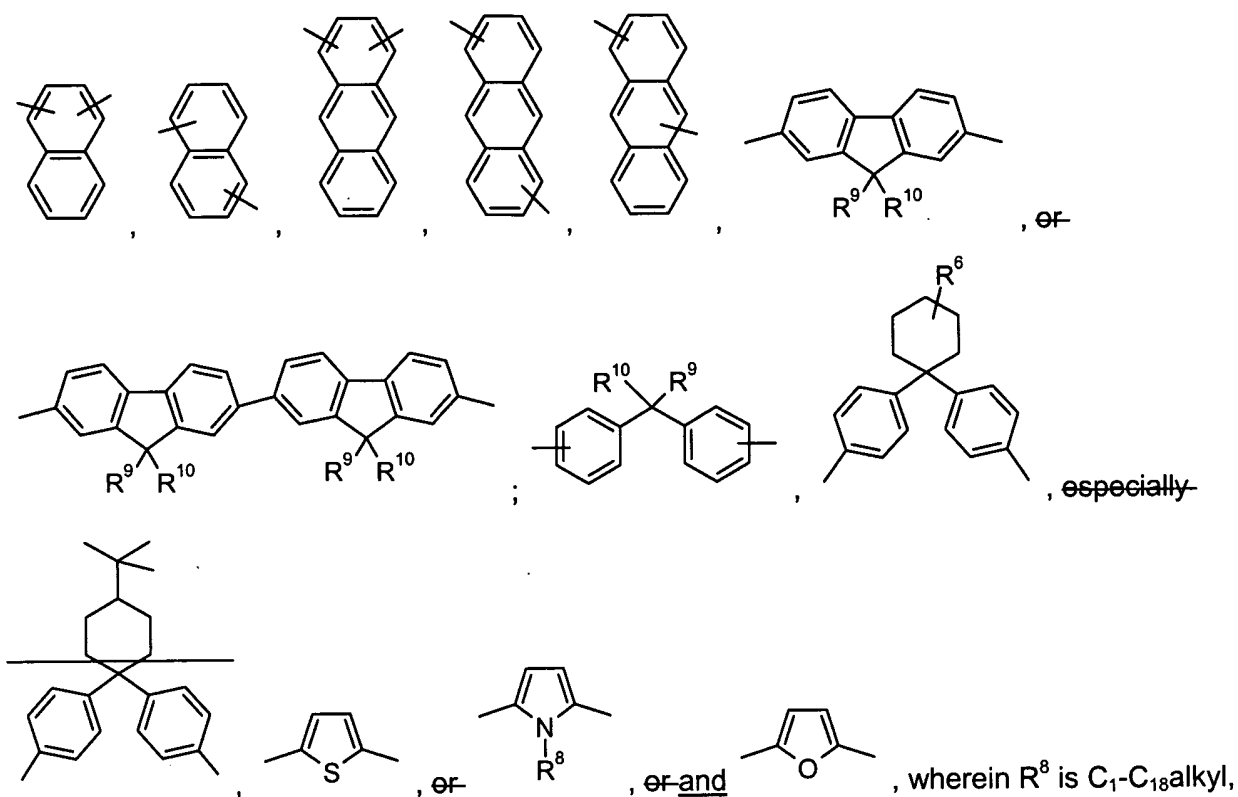
R^9 and R^{10} are independently of each other H, C_1 - C_{12} alkyl, or C_1 - C_{12} alkoxy,

R^9 and R^{10} are independently of each other C_1 - C_{18} alkyl, especially C_4 - C_{12} alkyl, which can be interrupted by one or two oxygen atoms, ~~and~~

~~X^1 and X^2 are as defined in claim 1.~~

6.(currently amended): A polymer according to claim 5, comprising a co-monomer T which is selected from the group consisting of

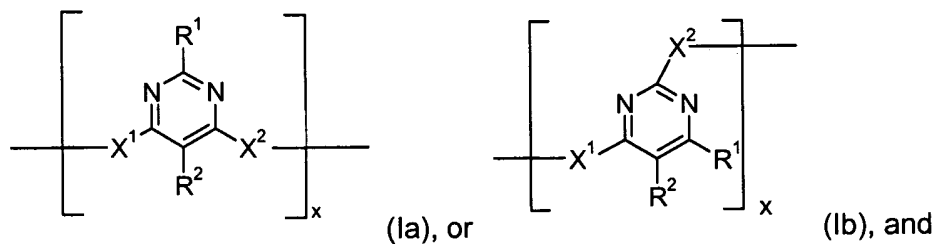




R^9 and R^{10} are independently of each other C_1 - C_{18} alkyl, especially C_4 - C_{12} alkyl, which can be interrupted by one or two oxygen atoms, or

R^9 and R^{10} form a five or six membered carbocyclic ring, which optionally can be substituted by C_1 - C_8 alkyl.

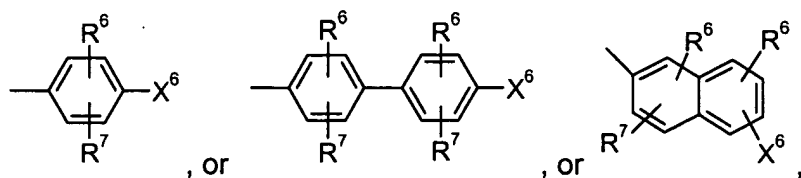
7. (currently amended): A polymer according to claim 1, comprising a repeating unit of formula



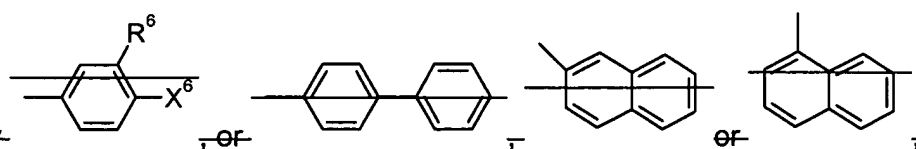
a co-monomer $\left[T \right]_y$, wherein

x is in the range of 0.005 to 1, especially 0.4 to 0.6, and y is in the range of 0.995 to 0, especially 0.6 to 0.4, wherein the sum of x and y is 1,

R^1 is a group of formula



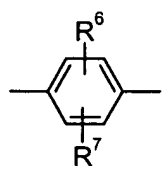
, or



especially

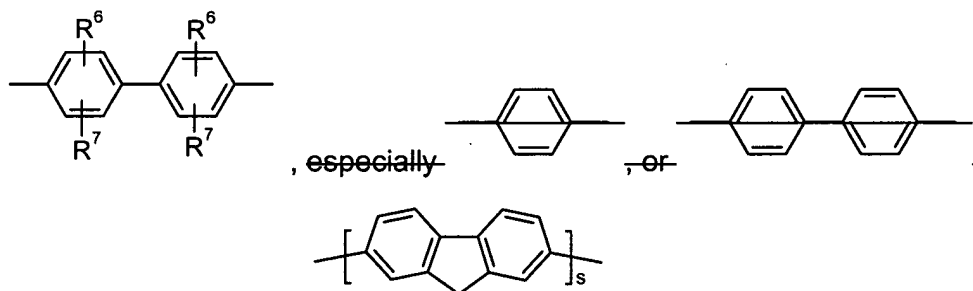
H, C_1 - C_{18} alkyl, cyclohexyl, or C_1 - C_{18} alkoxy,
 R^2 is H,

X^1 and X^2 are independently of each other a group of formula




, or

especially



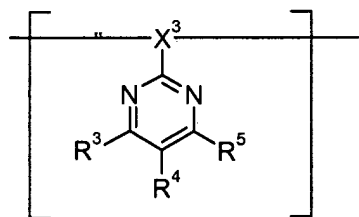
, and



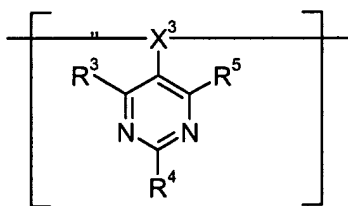
T is a group of formula

, wherein s is one or two, and R^9 and R^{10} are independently of each other C_1 - C_{18} alkyl, especially C_4 - C_{12} alkyl, which can be interrupted by one or two oxygen atoms, and
 R^6 and R^7 are independently of each other H, C_1 - C_{12} alkyl, C_5 - C_{12} cycloalkyl, ~~such as cyclohexyl,~~
 C_6 - C_{24} aryl, ~~especially phenyl, naphthyl, or biphenyl,~~ which can be substituted by $-O$ - C_1 - C_{12} alkyl, or C_1 - C_{18} alkoxy.

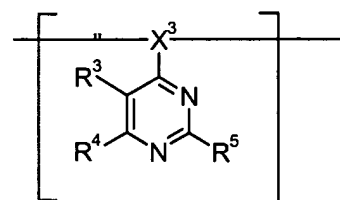
8. (currently amended): A polymer according to claim 1, comprising a repeating unit having the formula IIa, IIb or IIc,



(IIa),

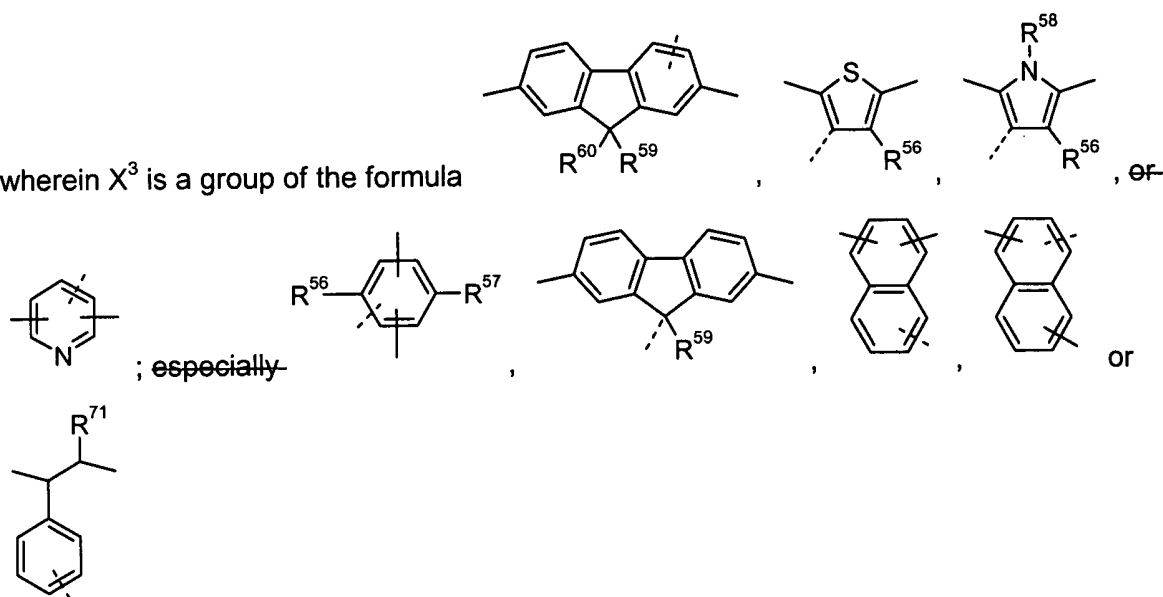


(IIb),



(IIc);

wherein X^3 is a group of the formula



wherein the dotted line represent the bond to the pyrimidine ring,

~~R^3 , R^4 and R^5 are as defined in claim 1,~~

R^{56} and R^{57} are independently of each other H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_5 - C_{12} cycloalkyl, C_5 - C_{12} cycloalkyl, which is substituted by E, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by E, C_2 - C_{20} heteroaryl, C_2 - C_{20} heteroaryl which is substituted by E, C_2 - C_{18} alkenyl, C_2 - C_{18} alkynyl, C_1 - C_{18} alkoxy, C_1 - C_{18} alkoxy which is substituted by E and/or interrupted by D, or C_7 - C_{25} aralkyl,

R^{58} is H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, or C_7 - C_{25} aralkyl,

R^{59} and R^{60} are independently of each other H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by E, C_2 - C_{20} heteroaryl, C_2 - C_{20} heteroaryl which is substituted by E, C_2 - C_{18} alkenyl, C_2 - C_{18} alkynyl, C_1 - C_{18} alkoxy, C_1 - C_{18} alkoxy which is substituted by E and/or interrupted by D, or C_7 - C_{25} aralkyl, or

R^{59} and R^{60} form a ring, ~~especially a five or six membered ring,~~

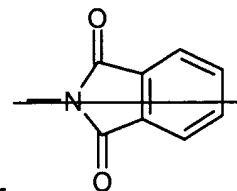
R^{71} is H, C_1 - C_{18} alkyl, $-C\equiv N$, $-CONR^{25}R^{26}$ or $-COOR^{27}$,

D is $-CO-$; $-COO-$; $-OCOO-$; $-S-$; $-SO-$; $-SO_2-$; $-O-$; $-NR^{25}-$; $-SiR^{30}R^{31}-$; $-POR^{32}-$; $-CR^{23}=CR^{24}-$; or $-C\equiv C-$; and

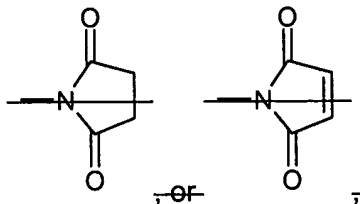
E is $-OR^{29}$; $-SR^{29}$; $-NR^{25}R^{26}$; $-COR^{28}$; $-COOR^{27}$; $-CONR^{25}R^{26}$; $-CN$; $-OCOOR^{27}$; or halogen;

wherein

R^{23} , R^{24} , R^{25} and R^{26} are independently of each other H; C_6 - C_{18} aryl; C_6 - C_{18} aryl which is substituted by C_1 - C_{18} alkyl, C_1 - C_{18} alkoxy; C_1 - C_{18} alkyl; or C_1 - C_{18} alkyl which is interrupted by $-O-$; or



R^{25} and R^{26} together form a five or six membered ring, in particular

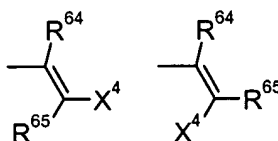


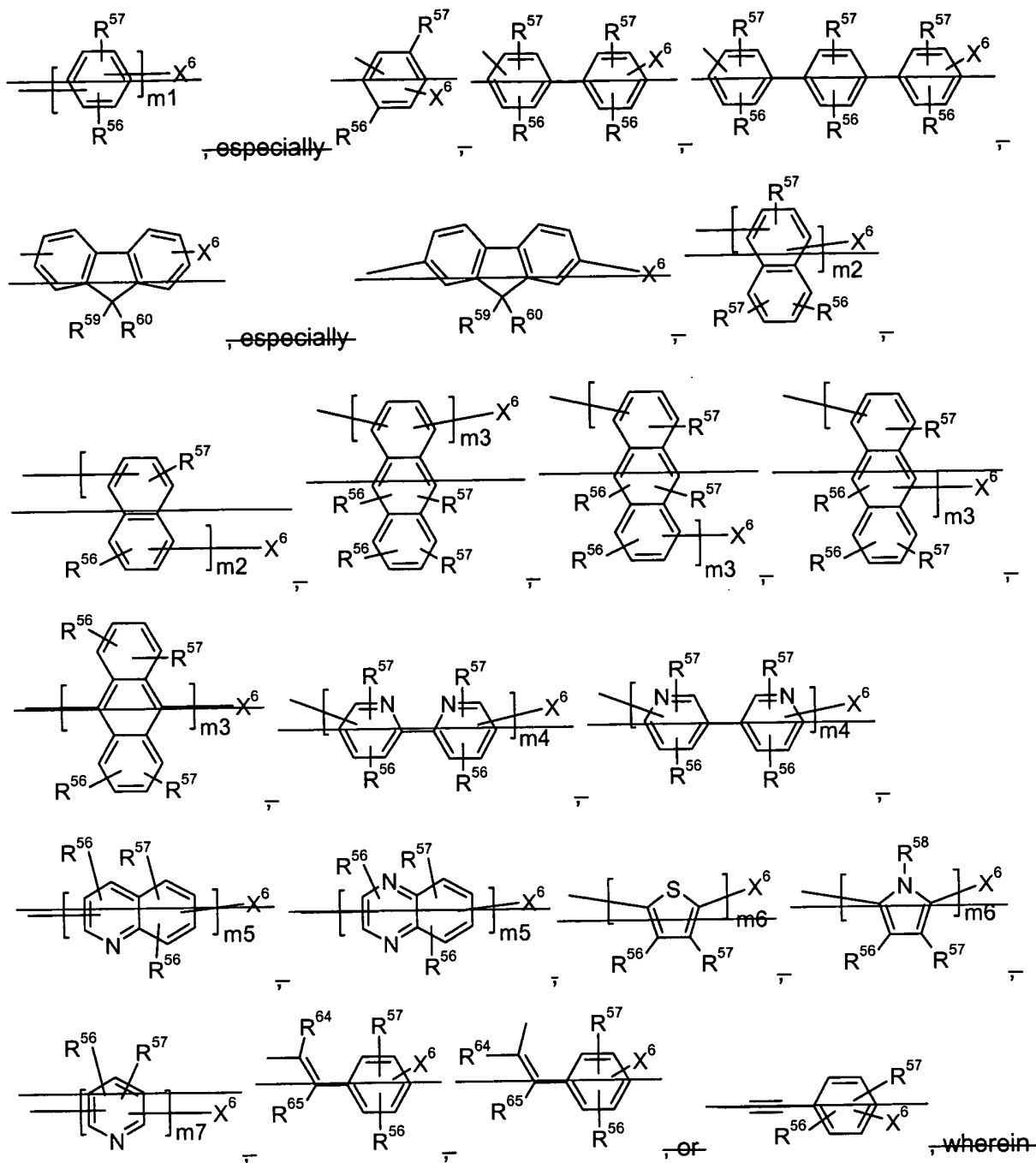
R^{27} and R^{28} are independently of each other H; C_6 - C_{18} aryl; C_6 - C_{18} aryl which is substituted by C_1 - C_{18} alkyl, or C_1 - C_{18} alkoxy; C_1 - C_{18} alkyl; or C_1 - C_{18} alkyl which is interrupted by $-O-$, and R^{29} is H; C_6 - C_{18} aryl; C_6 - C_{18} aryl which is substituted by C_1 - C_{18} alkyl, C_1 - C_{18} alkoxy; C_1 - C_{18} alkyl; or C_1 - C_{18} alkyl which is interrupted by $-O-$,

R^{30} and R^{31} are independently of each other C_1 - C_{18} alkyl, C_6 - C_{18} aryl, or C_6 - C_{18} aryl, which is substituted by C_1 - C_{18} alkyl, and

R^{32} is C_1 - C_{18} alkyl, C_6 - C_{18} aryl, or C_6 - C_{18} aryl, which is substituted by C_1 - C_{18} alkyl.

9. (currently amended): A polymer according to claim 8, wherein R^3 , R^4 and R^5 are independently of each other H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_2 - C_{18} alkenyl, C_2 - C_{18} alkynyl, C_1 - C_{18} alkoxy, C_1 - C_{18} alkoxy which is substituted by E and/or

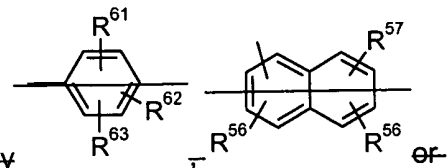
interrupted by D, , $\text{---}\equiv\text{---}X^5$, C_7 - C_{25} aralkyl, C_6 - C_{24} aryl, or C_2 - C_{20} heteroaryl, which optionally can be substituted, especially a group of the formula

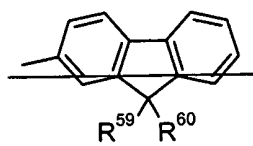


$m_1, m_2, m_3, m_4, m_5, m_6$ and m_7 are integers of 1 to 10, in particular 1 to 3,

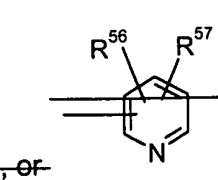
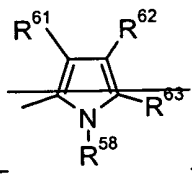
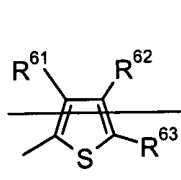
X^6 is H, C_4-C_{48} alkyl, C_4-C_{48} alkoxy, C_4-C_{48} alkyl which is substituted by E and/or interrupted by D,

C_6-C_{24} aryl, which can optionally be substituted, especially





, ~~C₂-C₂₀heteroaryl, which can optionally be substituted, especially~~



, or

, ~~C₂-C₄₈alkenyl, C₂-C₄₈alkynyl, C₄-C₄₈alkoxy, C₄-~~

~~C₄₈alkoxy which is substituted by E and/or interrupted by D, or C₇-C₂₅aralkyl,~~

X⁴ is C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄ aryl, or

C₂-C₂₀heteroaryl, which can optionally be substituted,

X⁵ is C₁-C₁₈alkyl, C₆-C₂₄aryl, or C₂-C₂₀heteroaryl, which can optionally be substituted by -OC₁-

C₁₈alkyl or -OC₆-C₂₄aryl,

~~R⁶¹, R⁶² and R⁶³ are independently of each other H, C₁-C₄₈alkyl, C₄-C₄₈alkyl which is substituted~~

~~by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by E, C₂-C₄₈alkenyl, C₂-~~

~~C₄₈alkynyl, C₄-C₄₈alkoxy, C₄-C₄₈alkoxy which is substituted by E and/or interrupted by D, or C₇-~~

~~C₂₅aralkyl,~~

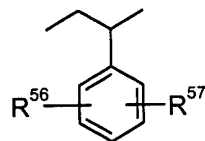
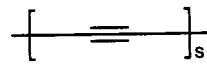
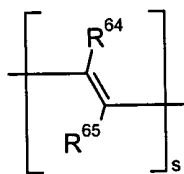
R⁶⁴ and R⁶⁵ are independently of each other H, C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E

and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by E, or C₂-C₂₀heteroaryl, C₂-

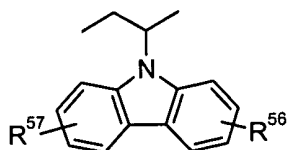
C₂₀heteroaryl which is substituted by E, and

~~D, E, R⁵⁶, R⁵⁷, R⁵⁸, R⁵⁹ and R⁶⁰ are as defined in claim 8.~~

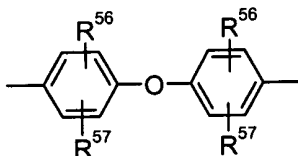
10. (currently amended): A polymer according to claim 8, or 9, comprising a co-monomer T which is



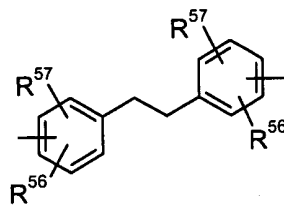
selected from the group consisting of



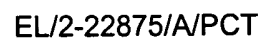
, or

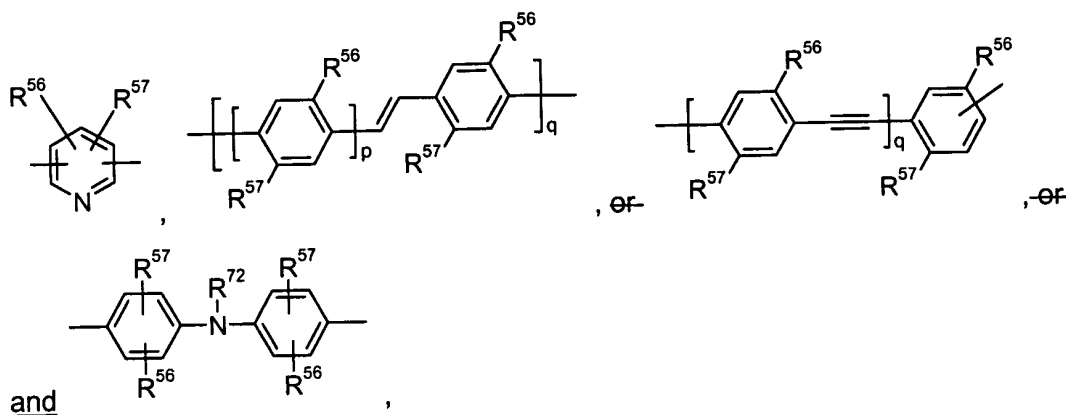


,



, in particular





wherein p is an integer from 1 to 10, especially 1, 2 or 3,

q is an integer from 1 to 10, especially 1, 2 or 3,

s is an integer from 1 to 10, especially 1, 2 or 3,

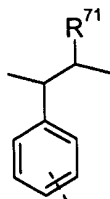
R^{72} is H, C_6-C_{18} aryl, C_6-C_{18} aryl, which is substituted by C_1-C_{18} alkyl, or C_1-C_{18} alkoxy; C_1-C_{18} alkyl; or C_1-C_{18} alkyl which is interrupted by $-O-$;

R^{56} , R^{57} , R^{58} , R^{59} , R^{60} , R^{64} and R^{65} are as defined in claim 8, or

R^{59} and R^{60} together can also form a group of formula $=CR^{100}R^{101}$, wherein

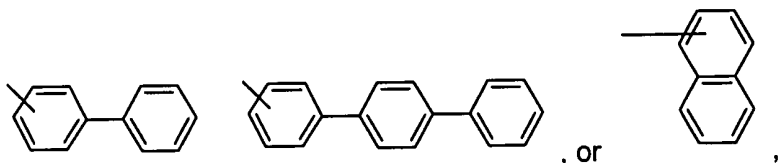
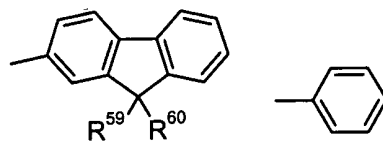
R^{100} and R^{101} are independently of each other H, C_1-C_{18} alkyl, C_1-C_{18} alkyl which is substituted by E and/or interrupted by D, C_6-C_{24} aryl, C_6-C_{24} aryl which is substituted by E, or C_2-C_{20} heteroaryl, or C_2-C_{20} heteroaryl which is substituted by E, wherein E and D are defined as in claim 8.

11. (currently amended): A polymer according to any of claim [[s]] 8, to 10, comprising a repeating unit of formula IIb, especially a repeating unit of formula IIa, or IIc, and a co-monomer T, wherein

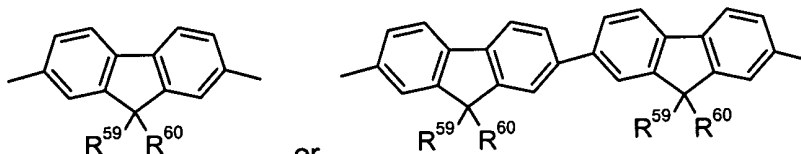


X^3 is a group of the formula , wherein the dotted line represent the bond to the pyrimidine ring and R^{71} is H, alkyl, $-C\equiv N$, or $-COOR^{27}$, wherein R^{27} is H, or C_1-C_{18} alkyl; which optionally can be interrupted by one or more oxygen atoms, especially C_4-C_{42} alkyl, which can be interrupted by one or two oxygen atoms,

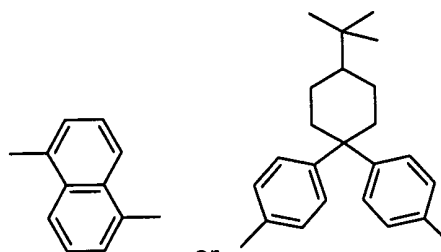
R^3 , R^4 , and R^5 are independently of each other H,



T is a group of formula



wherein R^{59} and R^{60} are independently of each other C_1 - C_{18} alkyl, especially C_4 - C_{12} alkyl, which



can be interrupted by one or two oxygen atoms,

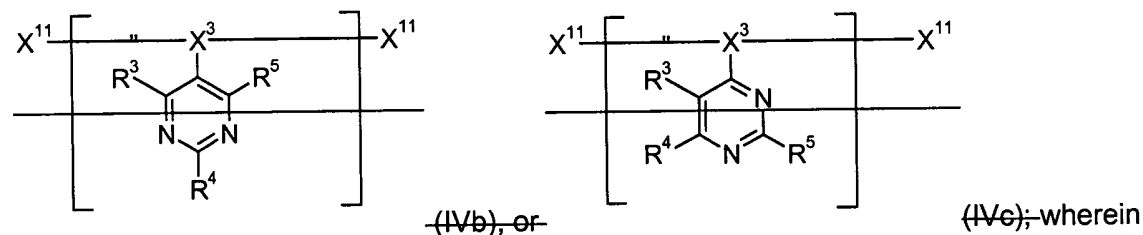
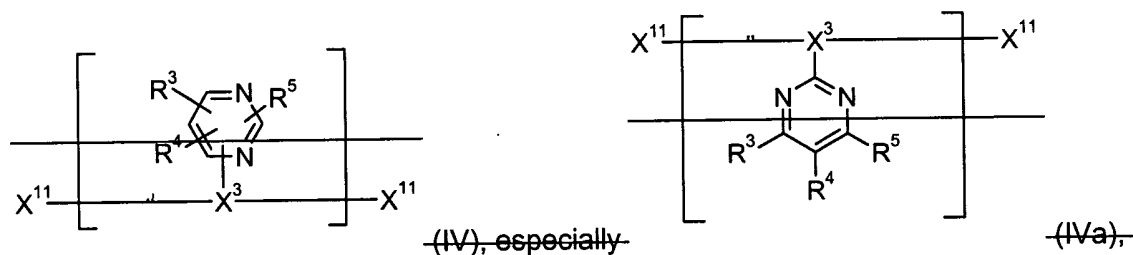
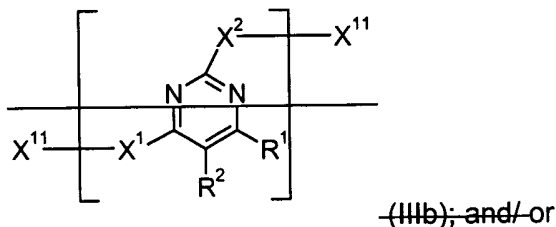
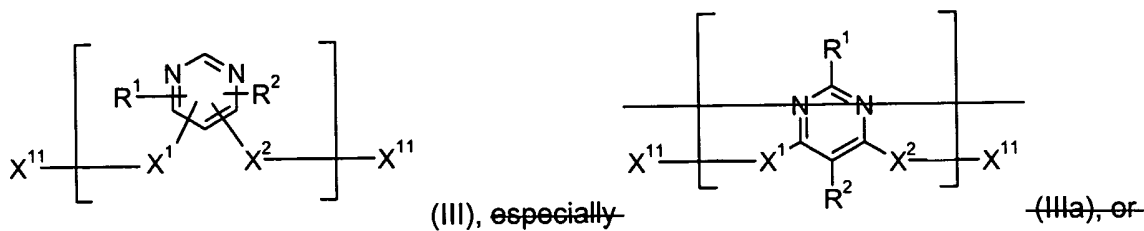
12. (currently amended): An optical device or a component therefore, comprising a substrate and a polymer according to ~~any of claim [[s]] 1₂ to 11.~~

13. (original): An optical device according to claim 12, wherein the optical device comprises an electroluminescent device.

14. (currently amended): An optical device according to claim 13, wherein the electroluminescent device comprises

- (a) a charge injecting layer for injecting positive charge carriers,
- (b) a charge injecting layer for injecting negative charge carriers,
- (c) a light-emissive layer located between the layers (a) and (b) comprising a polymer according to ~~any of claim [[s]] 1₂ to 11.~~

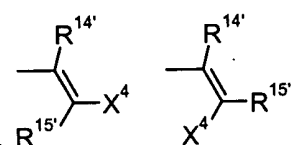
15. (currently amended): A monomer of the formula



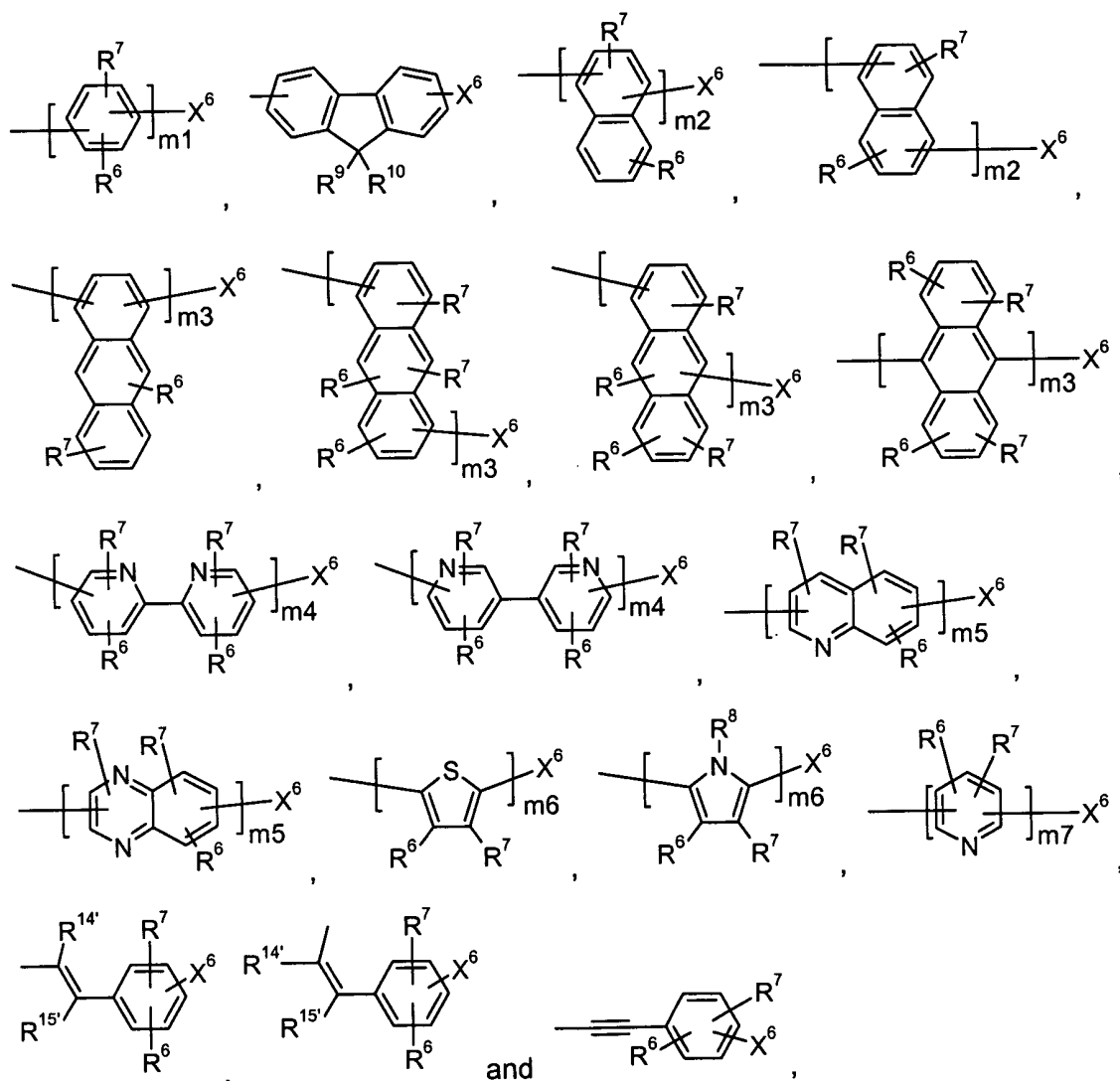
R^1 , R^2 , R^3 , R^4 and R^5 are independently of each other an organic substituent, especially C_2 - C_{30} aryl or a C_2 - C_{26} heteroaryl, which optionally can be substituted,

X^1 , X^2 , and X^3 are independently of each other a divalent linking group, and

X^{11} is independently in each occurrence a halogen atom, or $-\text{B}(\text{OH})_2$, $-\text{B}(\text{OY}^1)_2$ or $-\text{B} \begin{array}{c} \text{O} \\ \diagup \quad \diagdown \\ \text{O} \end{array} \text{Y}^2$,
 wherein Y^1 is independently in each occurrence a C_1 - C_{10} alkyl group and Y^2 is independently in each occurrence a C_2 - C_{10} alkylene group, such as $-\text{CY}^3\text{Y}^4-\text{CY}^5\text{Y}^6-$, or $-\text{CY}^7\text{Y}^8-\text{CY}^9\text{Y}^{10}-\text{CY}^{11}\text{Y}^{12}-$,
 wherein Y^3 , Y^4 , Y^5 , Y^6 , Y^7 , Y^8 , Y^9 , Y^{10} , Y^{11} and Y^{12} are independently of each other hydrogen, or
 which may be substituted 1-20 times by a C_1 - C_{10} alkyl group, especially $-\text{C}(\text{CH}_3)_2\text{C}(\text{CH}_3)_2-$, or
 $-\text{C}(\text{CH}_3)_2\text{CH}_2\text{C}(\text{CH}_3)_2-$ with the proviso that 2-phenyl-4,6-bis(p-bromophenyl)pyrimidine and 2,4,6-tris(p-bromophenyl)pyrimidine are excluded.

16. (new): A polymer according to claim 3, wherein when R¹ or R² is ,

$\text{---}\equiv\text{X}^5$, C₆-C₂₄aryl or C₂-C₂₀heteroaryl, it is selected from the group consisting of the formulae



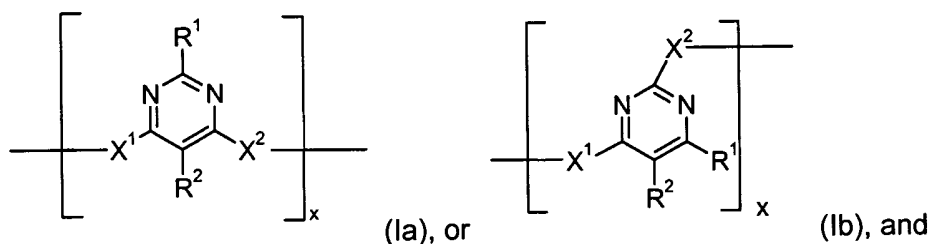
wherein m1, m2, m3, m4, m5, m6 and m7 are integers of 1 to 10,

X⁶ is H, C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₃₀aryl, which optionally can be substituted, C₂-C₂₆heteroaryl, which optionally can be substituted, C₂-

C₁₈alkenyl, C₂-C₁₈alkynyl, C₁-C₁₈alkoxy, C₁-C₁₈alkoxy which is substituted by E and/or interrupted by D, or C₇-C₂₅aralkyl,

R¹¹, R¹² and R¹³ are independently of each other H, C₁-C₁₈ alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by E, C₂-C₁₈alkenyl, C₂-C₁₈alkynyl, C₁-C₁₈alkoxy, C₁-C₁₈alkoxy which is substituted by E and/or interrupted by D, or C₇-C₂₅aralkyl.

17. (new): A polymer according to claim 7, comprising a repeating unit of formula

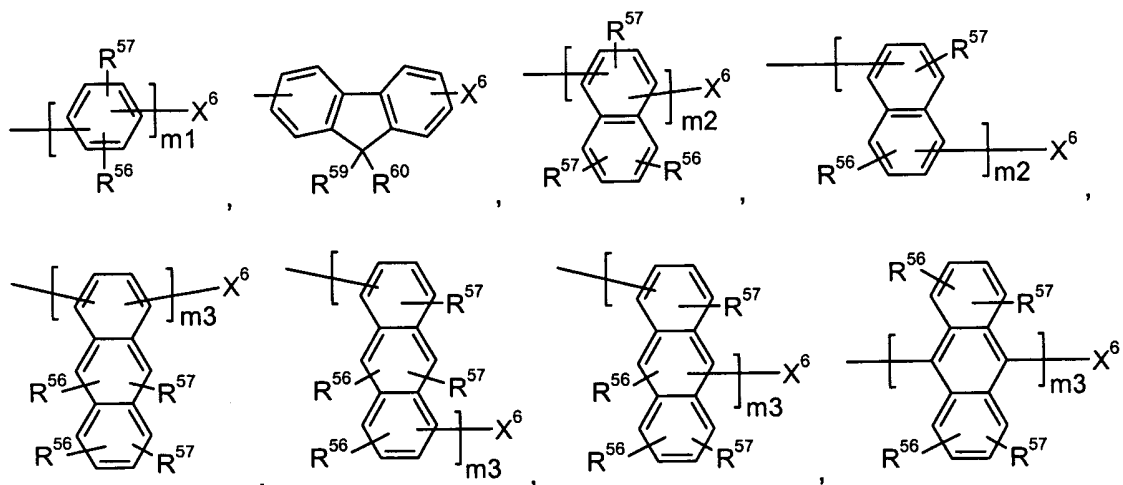


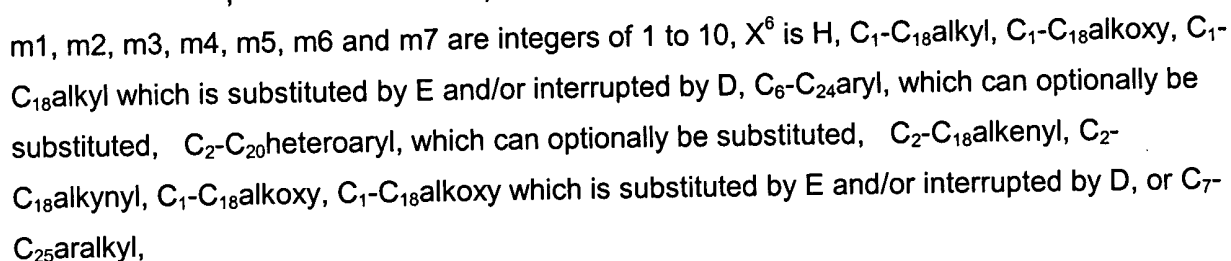
a co-monomer $\left[\text{T} \right]_y$, wherein

x is in the range of 0.4 to 0.6, and y is in the range of 0.6 to 0.4, wherein the sum of x and y is 1.



18. (new): A polymer according to claim 8, wherein when R³, R⁴ or R⁵ is $\begin{array}{c} \text{R}^{14'} \\ | \\ \text{C} = \text{C} \\ | \quad | \\ \text{R}^{15'} \quad \text{X}^4 \end{array}$, $\begin{array}{c} \text{R}^{14'} \\ | \\ \text{C} = \text{C} \\ | \quad | \\ \text{X}^4 \quad \text{R}^{15'} \end{array}$,

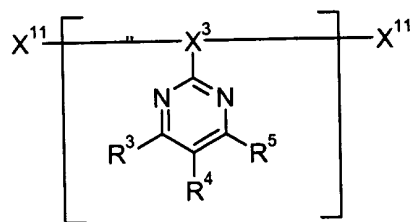
---X^5 , C₆-C₂₄aryl or C₂-C₂₀heteroaryl, it is selected from the group consisting of the formulae



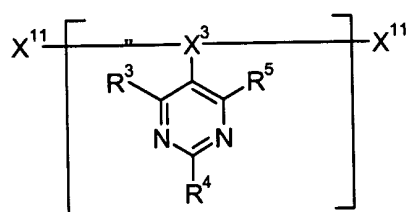


R⁶¹, R⁶² and R⁶³ are independently of each other H, C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by E, C₂-C₁₈alkenyl, C₂-C₁₈alkynyl, C₁-C₁₈alkoxy, C₁-C₁₈alkoxy which is substituted by E and/or interrupted by D, or C₇-C₂₅aralkyl.

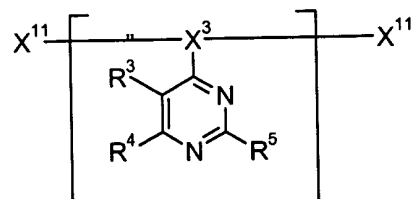





(IVa),



(IVb), or



(IVc).